

This listing of claims replaces all prior versions, and listings, of claims in the application:

In the Claims:

1. (Currently Amended) An image processing apparatus adapted for processing a series of image data of a document, including comprising:

- an input device for acquiring image data;
- an image data processor for applying ~~predetermined~~ a processing to the image data acquired by the input device;
- a compressor for compressing the image data processed by the image data processor;
- a storage medium for storing the image data compressed by the compressor; and
- a controller for controlling the image data processor, the storage medium and the compressor so as to ~~change processing in the image data processor and perform data processing and data compression, in a case where the image data acquired by the input device cannot be stored in the storage medium~~ that after the compressed image data is stored in the storage medium the processing applied by the image data processor is changed when it is determined that the storage medium cannot store further image data of the series.

2. (Currently Amended) An image processing apparatus according to claim 1, wherein the processing performed by the image data processor ~~[[is]]~~ comprises a density conversion processing.

3. (Currently Amended) An image processing apparatus according to claim 2, wherein the controller controls the image data processor such that ~~degree of image density variation becomes less than before the image data processor changes processing manners~~ a high density area or a low density area of the image data increases.

4. (Currently Amended) An image processing apparatus according to claim 1, wherein the controller ~~predicts~~ calculates a compression rate required for storing an entire image data of the document in the storage medium ~~in a case where the image data acquired by the input device cannot be stored out in the storage medium~~ when it is determined that the storage medium cannot store further image data of the series.

5. (Currently Amended) An image processing apparatus according to claim 4, wherein the controller ~~predicts~~ calculates the compression rate required for storing the entire image data in the storage medium based on a volume of image data of the document already stored in the storage medium and a volume of image data of the document not yet acquired by the input device.

6. (Currently Amended) An image processing apparatus according to claim 4, wherein the image data processor conducts the changed processing in accordance with the compression rate ~~predicted~~ calculated by the controller.

7. (Currently Amended) An image processing apparatus according to claim 1, wherein the controller erases the image data already stored in the storage medium and ~~[[lets]]~~ controls the input device so at to acquire image data again ~~in a case where image data the input device has acquired cannot be stored in the storage medium~~ when it is determined that the storage medium cannot store further image data of the series.

8. (Withdrawn) An image processing apparatus according to claim 1 further including an expander for expanding an image data compressed and stored in the storage medium.

9. (Withdrawn) An image processing apparatus according to claim 8, wherein the controller controls the image data processor such as that the expander expands image data stored

in the storage medium and the image data processor applies newly changed processing to the expanded image data in a case where image data acquired by the input device cannot be stored in the storage medium.

10. (Withdrawn) An image processing apparatus according to claim 9, wherein the input device acquires not-yet-acquired-image data once unoccupied is capacity secured by the newly changed processing in the storage medium.

11. (Currently Amended) ~~An image data processing~~ A method ~~applied to an image processor of processing a series of image data of a document,~~ comprising:

~~a step 1 of acquiring image data;~~

~~a step 2 of applying predetermined~~ a data processing to the acquired image data ~~acquired at the step 1;~~

~~a step 3 of compressing the image data to which the processing is applied at the step 2;~~

~~a step 4 of storing the compressed~~ image data ~~compressed at the step 3~~ in a ~~predetermined~~ storage medium; and

~~a step 5 of changing [[the]] a processing content~~ parameter of the data processing ~~at the step 2 in a case where the image data cannot be stored in the storage medium at the step 4 when it is determined that the storage medium cannot store further image data of the series.~~

12. (Currently Amended) ~~An image data processing~~ A method according to claim 11, wherein the data processing ~~in the step 2 is~~ comprises a density conversion processing for image data.

13. (Currently Amended) ~~An image data processing~~ A method according to claim 12 , wherein ~~characteristics of density conversion processing is changed in the step 5 such~~ the density

conversion process operates so that degree of image density variation becomes less than before

data processing manners are changed in the step 2 a high density area or a low density area of the

image data increases.